

Product datasheet for **SC200520**

RPS3 (NM_001005) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RPS3 (NM_001005) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RPS3
Synonyms: S3
ACCN: NM_001005
Insert Size: 1327 bp
Insert Sequence: >SC200520 3'UTR clone of NM_001005

The sequence shown below is from the reference sequence of NM_001005. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCATGCCCCAGCCAGTCCCCACAGCATAAACAGGGTCTCCTTGGCAGCTGTATTCTGGAGTCTGGATGT
TGCTCTCTAAAGACCTTTAATAAAATTTGTACAAAGACACAAGGCTGACTAGACTGTTAGTATTCA
GACTGAGGGGCATGTTGGCCTCTGGAGCATTACATATCTTCTTGGTTTTAACCACTTGTGGTATTTG
CAAGGGCCAGAACAGTAAGACCCCAAGCAGAGCCAACCAGAGAAATAATATTTGTGTGATAGAGAAGGCT
GATAGCAAGCAAGGCAGCACCTTGATTCGTTGTCTGTAGTTCAGGATTGTAGGTTAGAAAGAGGGATA
TGTTTGAGTTTTTCTATGCATAAGGCGATCCACGTTGCACATAGAAAGTGAATATAAAATGGCCATTAT
ATTTTGTGTCATGCTGTGCTCTAAGTGTCTTTACATATGTAATCGTAAATCAACCTCTCTAAAGTGA
AAGGAAATTTGCTTGCACTGAAGGCACATAAGGCTCAGAAGTAAATTTGCTAAGCAGTATAAAGC
TATCATTAGAATCCACATTCCTAAGTTGTGTTCTTCTTAGGGGATCATGGAACCAGTCATTGGTACTACA
GGCTATTATGTTCTGGAGAACTGTGAAGAACATTTAAATTTGCTCTGATTTTATCTATCAATGTTTTGA
AGTATTTTCTACCAAGTGTCTGACTTCAAGAAATTCGGCACTATTTTTTCAGGCAAACTAGTGAGG
GACAGGTTGGCTTGAAAATCATGAGACTGTTGTTAAATCAGATGCTGGTTGATCAGAGGGGACTTCC
AGGGAAAGCTGTTATCAGGTGGCTGCTTCTGGTGTGATGCAGCCTGGCTGATGAGATAACCCTGGCTCCA
CAGATGGCTTAGCAGGTGCTGTGATGATTTGGTTTTCTTCTCAATTAGACTGAGCTGCACATGGTGTGTT
ATATTGCTTGGCAGATGGTAAGGGCTTAATATTTGAGGTAATATGTAGGGCGTACACTGACAAGTATC
TGACCCCTTCTCTTTTACTCATAAATTTGGTATCTTAACCTTTAAGTGTACACTTCTATAGTGA
CAGAGTTAGCCCTCTGTCCAAGGGATTTGCATCTGTGGATTCAACCAACTTTGGGTCAAAAATAATCAA
AAAGGATGTTGTGTGTATTGAACATGTAGACTTATTTTTCTATTTTCAAAATACTATATTTTCTT
GTCACCTATTTTCTGTACACTGCAGTTGTAACAGCTATGTAGCATGTACATTAGGTATTAAGTAAT
CCAGTGAAGATTGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```



[View online >](#)

Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001005.5
Summary:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit, where it forms part of the domain where translation is initiated. The protein belongs to the S3P family of ribosomal proteins. Studies of the mouse and rat proteins have demonstrated that the protein has an extraribosomal role as an endonuclease involved in the repair of UV-induced DNA damage. The protein appears to be located in both the cytoplasm and nucleus but not in the nucleolus. Higher levels of expression of this gene in colon adenocarcinomas and adenomatous polyps compared to adjacent normal colonic mucosa have been observed. This gene is co-transcribed with the small nucleolar RNA genes U15A and U15B, which are located in its first and fifth introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012]
Locus ID:	6188
MW:	50.5